## **ABSTRACT**

A method for effectively exerting a cell proliferation promoting effect of a purine nucleic acid-related substance, and a composition for cell proliferation containing a purine nucleic acid-related substance and a pyrimidine nucleic acid-related substance. Also a method for potentiating the cell proliferation promoting effect of the purine nucleic acid-related substance by using the purine nucleic acid-related substance in combination with the pyrimidine nucleic acid-related substance and a method for promoting cell proliferation, where the method includes the step of applying the purine nucleic acid-related substance in combination with the pyrimidine nucleic acid-related substance to the skin or mucosa.